



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alan J. DEMERS et al.

Application No.: 09/321,594

Examiner: Romero, A.

Filed: May 28, 1999

Group Art Unit: 2176

Attorney Docket No.: 50277-0313

Client Docket No.: OID-1999-059-01

For: SCHEMA EVOLUTION IN REPLICATION

Assistant Commissioner for Patents  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ Under 37 CFR § 1.97(b): (1) Within three months of filing of national application; (2) Within three months of date of entry of the national stage as set forth in § 1.491 in an international application; (3) Before mailing of a first Office action on the merits; or (4) Before mailing of a first Office action after the filing of a request for continued examination under § 1.114.
- ☐ Under 37 CFR § 1.97(c): After the period specified in § 1.97(b) but before the mailing date of either a final action under § 1.113 or a notice of allowance under § 1.311, whichever occurs first, and accompanied by either:
- ☐ (1) A statement under § 1.97(e) as set forth below, or
- ☐ (2) A \$240.00 fee under 37 CFR 1.17(p).
- ☐ Under 37 CFR § 1.97(d): After the period specified in § 1.97(c) but on or before payment of the issue fee, and accompanied by:
- ☐ (1) A statement under § 1.97(e) as set forth below,
- ☐ (2) A petition requesting consideration of the IDS, and
- ☐ (3) A \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).

Statement under 35 CFR § 1.97(e):


- ☒ Not necessary, because this IDS is filed under § 1.97(b) or § 1.97(c)(2).
- ☐ Each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- ☐ No item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in § 1.56(c) more than three months prior to the filing of this IDS.

Form PTO 1449–Information Disclosure Citation is attached with copies of patents, publications, or other information of which Applicants are aware, which may be material to the examination of this application, and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

It is requested that the information disclosed herein be considered and made of record in this application.

Respectfully submitted,

DITTHAVONG & CARLSON, P.C.



Stephen C. Carlson  
Attorney/Agent for Applicant(s)  
Reg. No. 39929

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Application Number</b>	09/321,594	
			<b>Filing Date</b>	May 28, 1999	
			<b>First Named Inventor</b>	Alan J. DEMERS et al.	
			<b>Group Art Unit</b>	2176	
			<b>Examiner Name</b>	Romero, A.	
<b>Sheet</b>	1	of	1	<b>Attorney Docket Number</b>	50277-0313

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		US 5,832,275		Olds D.	11/03/1998	
		US 5,884,325		Bauer et al.	03/16/1999	
		US 5,729,734		Parker et al.	03/17/1998	
		US 5,261,102		Hoffman R.	11/09/1993	
		US 5,379,423		Mutoh et al.	01/03/1995	
		US 5,440,735		Goldring R.	08/08/1995	
		US 6,205,418		Li et al.	03/20/2001	
		US 5,819,263		Bromley et al.	10/06/1998	
		US 6,366,933		Ball et al.	04/02/2002	
		US 5,459,860		Burnett et al.	10/17/1995	
		US 5,794,030		Morsi et al.	08/11/1998	
		US 5,577,211		Annapareddy et al.	11/19/1996	
		US 5,787,427		Benantar et al.	07/28/1998	
		US 5,771,669		Langworthy et al.	06/30/1998	
		US 5,684,945		Chen et al.	11/04/1997	
		US 5,664,173		Fast R.	09/02/1997	
		US 5,765,165		Harper J.	06/09/1998	
		US 6,314,439		Bates et al.	11/06/2001	
		US 5,799,306		Sun et al.	08/25/1998	
		US 5,761,493		Blakeley et al.	06/02/1998	
		US 5,806,074		Souder et al.	09/08/1998	
		US 5,603,024		Goldring R.	02/11/1997	
		US 2003/0009431		Souder et al.	01/09/2003	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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